Science of Computer Programming 20 (1993) 293–299
Elsevier

Master Index—Volumes 11–20

(For the sake of simplicity and uniformity, all names beginning with articles or prepositions are listed as if written as single words.)

Anderson, J.H. and B. Grošelj, Beyond atomic registers: bounded wait-free implementations of non-trivial objects	**19** (1992)	197–237
Andrews, G.R., A method for solving synchronization problems	**13** (1989)	1– 21
Arnold, A., An example of sequentialization of a parallel algorithm	**13** (1989)	111–116
Back, R.J.R. and K. Sere, Stepwise refinement of parallel algorithms	**13** (1990)	133–180
Back, R.J.R. and J. von Wright, Statement inversion and strongest postcondition	**20** (1993)	223–251
Baker-Finch, C.A., The (algebraic) congruence of two programming language definitions	**14** (1990)	81– 96
Banâtre, J.-P. and D. Le Métayer, The GAMMA model and its discipline of programming	**15** (1990)	55– 77
Banerjee, D., A technique for solving a class of quadratic FP equations	**19** (1992)	61– 85
Barbuti, R. and R. Giacobazzi, A bottom-up polymorphic type inference in logic programming	**19** (1992)	281–313
Benaini, A., P. Quinton, Y. Robert, Y. Saouter and B. Tourancheau, Synthesis of a new systolic architecture for the algebraic path problem	**15** (1990)	135–158
Benveniste, A., P. Le Guernic and C. Jacquemot, Synchronous programming with events and relations: the SIGNAL language and its semantics	**16** (1991)	103–149
Berghammer, R., H. Ehler and H. Zierer, Towards an algebraic specification of code generation	**11** (1988)	45– 63
Berry, G. and G. Gonthier, The ESTEREL synchronous programming language: design, semantics, implementation	**19** (1992)	87–152
Best, E. and C. Lengauer, Semantic independence	**13** (1989)	23– 50

Bidoit, M., M.-C. Gaudel and A. Mauboussin, How to make algebraic specifications more understandable: an experiment with the PLUSS specification language **12** (1989) 1– 38
Bijlsma, A., Calculating with pointers **12** (1989) 191–205
Bird, R.S., The smallest upravel **18** (1992) 281–292
Bird, R.S., J. Gibbons and G. Jones, Formal derivation of a pattern matching algorithm **12** (1989) 93–104
Blikle, A., Denotational engineering **12** (1989) 207–253
Boiten, E.A., Improving recursive functions by inverting the order of evaluation **18** (1992) 139–179
Bondorf, A., Automatic autoprojection of higher order recursive equations **17** (1991) 3– 34
Bondorf, A. and O. Danvy, Automatic autoprojection of recursive equations with global variables and abstract data types **16** (1991) 151–195
Bouajjani, A., J.-C. Fernandez, N. Halbwachs, P. Raymond and C. Ratel, Minimal state graph generation **18** (1992) 247–269
Brown, G., see Luk, W. **15** (1990) 217–233
Broy, M., Views of queues **11** (1988) 65– 86

Cai, J. and R. Paige, Program derivation by fixed point computation **11** (1989) 197–261
Chandy, K.M., Reasoning about continuous systems **14** (1990) 117–132
Chen, W. and J.T. Udding, Program inversion: more than fun! **15** (1990) 1– 13
Ciapessoni, E., E. Corsetti, A. Montanari and P. San Pietro, Embedding time granularity in a logical specification language for synchronous real-time systems **20** (1993) 141–171
Corsetti, E., see Ciapessoni, E. **20** (1993) 141–171

Danvy, O., see Bondorf, A. **16** (1991) 151–195
Dardenne, A., A. van Lamsweerde and S. Fickas, Goal-directed requirements acquisition **20** (1993) 3– 50
Desharnais, J., A. Mili and F. Mili, On the mathematics of sequential decompostions **20** (1993) 253–289
Despland, A., M. Mazaud and R. Rakotozafy, Using rewriting techniques to produce code generators and proving them correct **15** (1990) 15– 54
De Vink, E.P., Comparative semantics for PROLOG with cut **13** (1990) 237–264

Dybjer, P., Comparing integrated and external logics of functional programs **14** (1990) 59–79

Ebergen, J.C., Arbiters: an exercise in specifying and decomposing asynchronously communicating components **18** (1992) 223–245
Ebergen, J.C. and R.R. Hoogerwoord, A derivation of a serial–parallel multiplier **15** (1990) 201–215
Ehler, H., see Berghammer, R. **11** (1988) 45–63

Felleisen, M., On the expressive power of programming languages **17** (1991) 35–75
Fernandez, J.-C., An implementation of an efficient algorithm for bisimulation equivalence **13** (1990) 219–236
Fernandez, J.-C., see Bouajjani, A. **18** (1992) 247–269
Fickas, S., see Dardenne, A. **20** (1993) 3–50
Finance, J.-P., see Perrin, G.-R. **19** (1992) 25–59
Fokkinga, M.M., An exercise in transformational programming: Backtracking and Branch-and-Bound **16** (1991) 19–48

Gardiner, P.H.B. and P.K. Pandya, Reasoning algebraically about recursion **18** (1992) 271–280
Gaudel, M.-C., see Bidoit, M. **12** (1989) 1–38
Giacobazzi, R., see Barbuti, R. **19** (1992) 281–313
Gibbons, J., see Bird, R.S. **12** (1989) 93–104
Gonthier, G., see Berry, G. **19** (1992) 87–152
Gribomont, E.P., Stepwise refinement and concurrency: the finite-state case **14** (1990) 185–228
Gries, D., A.J. Martin, J.L.A. van de Snepscheut and J.T. Udding, An algorithm for transitive reduction of an acyclic graph **12** (1989) 151–155
Gries, D., see Xue, J. **11** (1988) 161–165
Grošelj, B., see Anderson, J.H. **19** (1992) 197–237

Halbwachs, N., see Bouajjani, A. **18** (1992) 247–269
Hall, C.V. and D.S. Wise, Generating function versions with rational strictness patterns **12** (1989) 39–74
Heckmann, R., Power domain constructions **17** (1991) 77–117
Hehner, E.C.R., A practical theory of programming **14** (1990) 133–158
Heisel, M., Formalizing and implementing Gries' program development method in dynamic logic **18** (1992) 107–137
Helmink, L., Resolution and type theory **17** (1991) 199–138
Hemerik, C. and J.P. Katoen, Bottom-up tree acceptors **13** (1989) 51–72

Hesselink, W.H., LR-parsing derived **19** (1992) 171–196
Hofstee, H.P., A.J. Martin and J.L.A. van de Snepscheut, Distributed sorting **15** (1990) 119–133
Hoogerwoord, R.R., see Ebergen, J.C. **15** (1990) 201–215

Jacquemot, C., see Benveniste, A. **16** (1991) 103–149
Jones, G., see Bird, R.S. **12** (1989) 93–104
Jongejan, J.H., Correctness of transformations on register transfers **19** (1992) 153–169

Kaldewaij, A. and M. Rem, The derivation of systolic computations **14** (1990) 229–242
Kaldewaij, A. and B. Schoenmakers, Searching by elimination **14** (1990) 243–254
Kaldewaij, A. and G. Zwaan, A systolic design for acceptors of regular languages **15** (1990) 171–183
Kamareddine, F., A system at the cross-roads of functional and logic programming **19** (1992) 239–279
Katoen, J.P., see Hemerik, C. **13** (1989) 51– 72
Kessels, J.L.W. and F.D. Schalij, VLSI programming for the compact disc player **15** (1990) 235–248
Knapp, E., Derivation of concurrent programs: two examples **19** (1992) 1– 23
Kneuper, R., Symbolic execution: a semantic approach **16** (1991) 207–249
Kruseman Aretz, F.E.J., A new approach to Earley's parsing algorithm **12** (1989) 105–121
Kurki-Suonio, R., K. Systä and J. Vain, Real-time specification and modeling with joint actions **20** (1993) 113–140

Ledru, Y., Developing reactive systems in a VDM framework **20** (1993) 51– 71
Le Guernic, P., see Benveniste, A. **16** (1991) 103–149
Le Métayer, D., see Banâtre, J.-P. **15** (1990) 55– 77
Lengauer, C., see Best, E. **13** (1989) 23– 50
Lowry, M.R., see Smith, D.R. **14** (1990) 305–321
Loyens, L.D.J.C. and J.G.G. van de Vorst, Two small parallel programming exercises **15** (1990) 159–169
Luk, W. and G. Brown, A systolic LRU processor and its top-down development **15** (1990) 217–233

Maaßen, A., Parallel programming with data structures and higher order functions **18** (1992) 1– 38

Malcolm, G., Data structures and program transformation **14** (1990) 255–279
Manghirmalani, R., see Mateti, P. **11** (1988) 29– 43
Marcelis, A.J.J.M., On the classification of attribute evaluation algorithms **14** (1990) 1– 24
Marlowe, T.J., see Ryder, B.G. **11** (1988) 1– 15
Martin, A.J., see Gries, D. **12** (1989) 151–155
Martin, A.J., see Hofstee, H.P. **15** (1990) 119–133
Mateti, P. and R. Manghirmalani, Morris' tree traversal algorithm reconsidered **11** (1988) 29– 43
Mauboussin, A., see Bidoit, M. **12** (1989) 1– 38
Mazaud, M., see Despland, A. **15** (1990) 15– 54
Mili, A., see Desharnais, J. **20** (1993) 253–289
Mili, A., see Mili, F. **18** (1992) 67–106
Mili, F. and A. Mili, Heuristics for constructing while loops **18** (1992) 67–106
Mili, F., see Desharnais, J. **20** (1993) 253–289
Misra, J., Specifying concurrent objects as communicating processes **14** (1990) 159–184
Montanari, A., see Ciapessoni, E. **20** (1993) 141–171
Montenyohl, M. and M. Wand, Correctness of static flow analysis in continuation semantics **16** (1991) 1– 18
Morgan, C., Procedures, parameters, and abstraction: separate concerns **11** (1988) 17– 27
Morgan, C. and T. Vickers, Types and invariants in the refinement calculus **14** (1990) 281–304

Nipkow, T., Equational reasoning in Isabelle **12** (1989) 123–149

Paige, R., see Cai, J. **11** (1989) 197–261
Pandya, P.K., see Gardiner, P.H.B. **18** (1992) 271–280
Partsch, H., From informal requirements to a running program: a case study in algebraic specification and transformational programming **11** (1989) 263–297
Paull, M.C., see Ryder, B.G. **11** (1988) 1– 15
Perrin, G.-R. and J.-P. Finance, Communication relations: a paradigm for parallel program design **19** (1992) 25– 59

Quinton, P., see Benaini, A. **15** (1990) 135–158

Rakotozafy, R., see Despland, A. **15** (1990) 15– 54
Ratel, C., see Bouajjani, A. **18** (1992) 247–269
Raymond, P., see Bouajjani, A. **18** (1992) 247–269

Reade, C.M.P., Balanced trees with removals: an exercise in rewriting and proof **18** (1992) 181–204
Rem, M., Small programming exercises 22 **11** (1988) 167–173
Rem, M., Small programming exercises 23 **12** (1989) 75– 81
Rem, M., Small programming exercises 24 **14** (1990) 97–101
Rem, M., see Kaldewaij, A. **14** (1990) 229–242
Reps, T., Algebraic properties of program integration **19** (1991) 139–215
Robert, Y., see Benaini, A. **15** (1990) 135–158
Ryder, B.G., T.J. Marlowe and M.C. Paull, Conditions for incremental interation: examples and counterexamples **11** (1988) 1– 15

San Pietro, P., see Ciapessoni, E. **20** (1993) 141–171
Saouter, Y., see Benaini, A. **15** (1990) 135–158
Schalij, F.D., see Kessels, J.L.W. **15** (1990) 235–248
Schmidt, D.A., Detecting stack-based environments in denotational definitions **11** (1988) 107–131
Schnoebelen, P., Refined compilation of pattern-matching for functional languages **11** (1988) 133–159
Schobbens, P.-Y., Exceptions for algebraic specifications: on the meaning of "but" **20** (1993) 73–111
Schoenmakers, B., see Kaldewaij, A. **14** (1990) 243–254
Schoett, O., Behavioural correctness of data representations **14** (1990) 43– 57
Sere, K., see Back, R.J.R. **13** (1990) 133–180
Singh, A.K., Specification of concurrent objects using auxiliary variables **16** (1991) 49– 88
Skillicorn, D.B., Deriving parallel programs from specifications using cost information **20** (1993) 205–221
Smith, D.R. and M.R. Lowry, Algorithm theories and design tactics **14** (1990) 305–321
Spivey, M., A functional theory of expectations **14** (1990) 25– 42
Struik, P., A systematic design of a parallel program for Dirichlet convolution **15** (1990) 185–200
Systä, K., see Kurki-Suonio, R. **20** (1993) 113–140

Tennent, R.D., Elementary data structures in ALGOL-like languages **13** (1989) 73–110
Thatte, S., A type system for implicit scaling **17** (1991) 217–245
Thompson, S., Lawful functions and program verification in Miranda **13** (1990) 181–218
Tourancheau, B., see Benaini, A. **15** (1990) 135–158

Udding, J.T., see Gries, D. **12** (1989) 151–155
Udding, J.T., see Wei, C. **15** (1990) 1– 13

Vain, J., see Kurki-Suonio, R. **20** (1993) 113–140
Van den Eijnde, J.P.H.W., Left-bottom and right-top segments **15** (1990) 79– 94
Van der Woude, J., Playing with patterns, searching for strings **12** (1989) 177–190
Van de Snepscheut, J.L.A., see Gries, D. **12** (1989) 151–155
Van de Snepscheut, J.L.A., see Hofstee, H.P. **15** (1990) 119–133
Van de Vorst, J.G.G., see Loyens, L.D.J.C. **15** (1990) 159–169
Van Lamsweerde, A., see Dardenne, A. **20** (1993) 3– 50
Vickers, T., see Morgan, C. **14** (1990) 281–304
Vivarès, F., Modelling Jackson's programming method **20** (1993) 173–204
Vogler, H., Functional description of the contextual analysis in block-structured programming languages: a case study of tree transducers **16** (1991) 251–275
Von Wright, J., see Back, R.J.R. **20** (1993) 223–251

Wand, M., see Montenyohl, M. **16** (1991) 1– 18
Wise, D.S., see Hall, C.V. **12** (1989) 39– 74

Xue, J. and D. Gries, Developing a linear algorithm for cubing a cyclic permutation **11** (1988) 161–165

Zantema, H., Longest segment problems **18** (1992) 39– 66
Zierer, H., see Berghammer, R. **11** (1988) 45– 63
Zwaan, G., see Kaldewaij, A. **15** (1990) 171–183